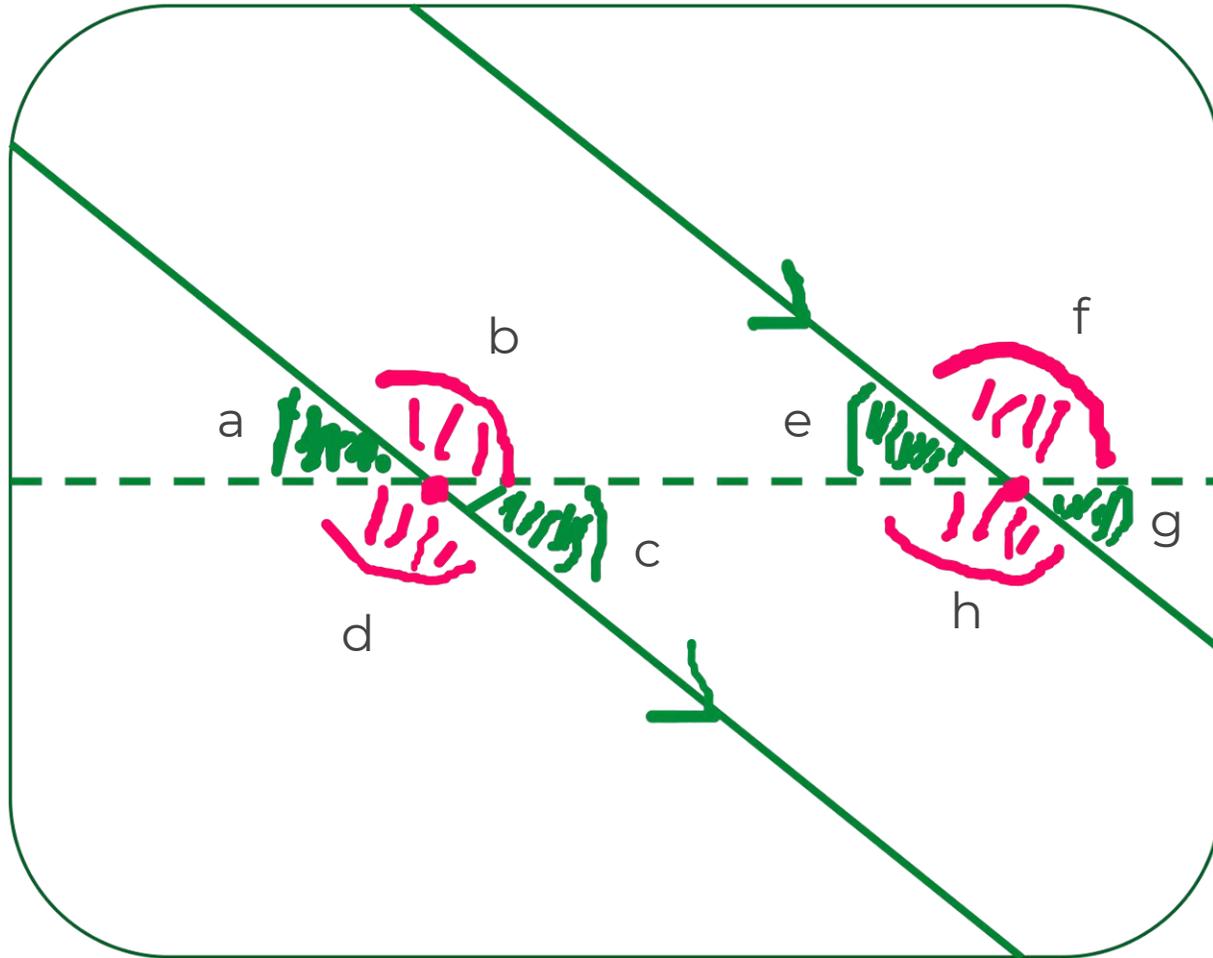


# Try this



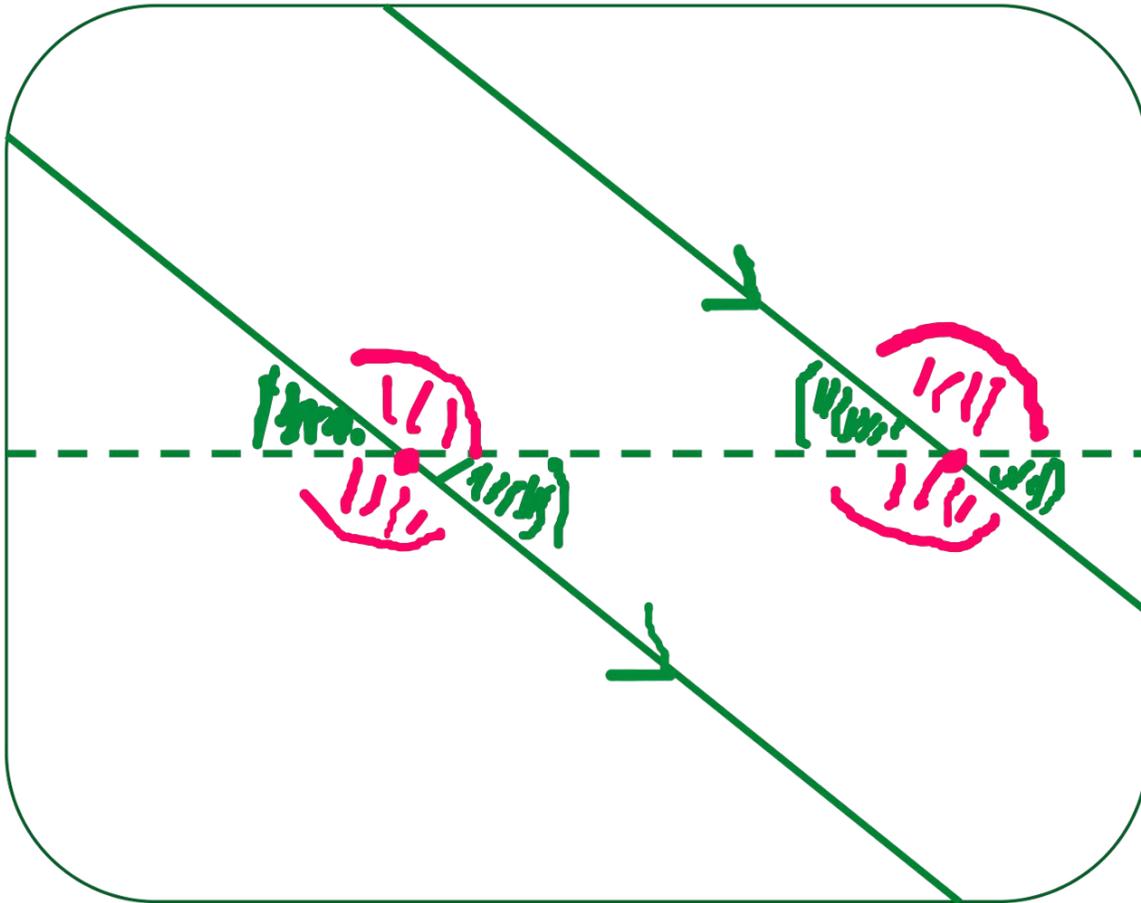
Identify the corresponding angles.

Identify the alternate angles.

Identify the vertically opposite angles.



# Connect



**Corresponding angles** on parallel lines are equal.

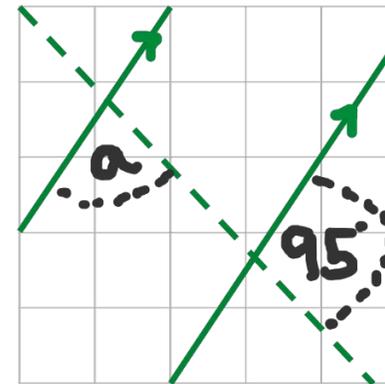
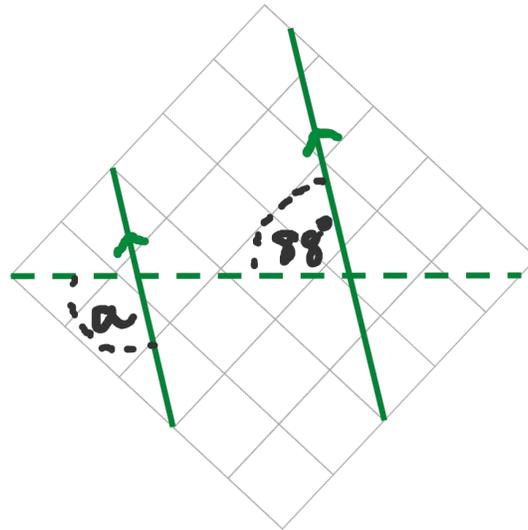
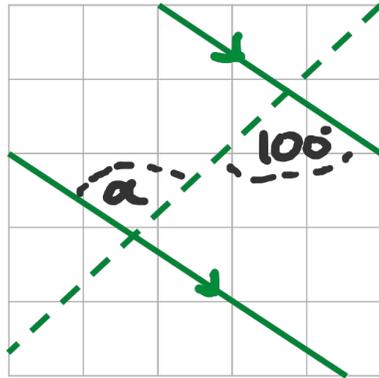
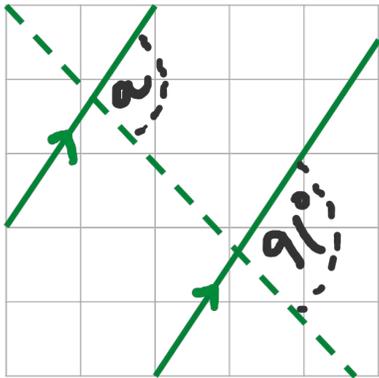
**Alternate angles** on parallel lines are equal.

If angle  $b = 120^\circ$ , then what is the size of angle  $e$ ?



# Independent task

1) For each of the following diagrams work out angle  $a$ .



# Explore

Work out as many angles as you can.

